





#### Internal Classes

- Body Part
- Composite Body Part
- 3. - sight
- hearing 4.
- 5. - soft Tissue Spine
- Whole Body Dysfunction 6.
- Whole Body Trauma 7.
- 8. Case Occupation
- 9. Case Activity
- 10. - DOT Case Activity
- 11. DOT Case Occupation
- 12. Case Task
- 13. Conjunction
- 14. Sided Conjunction
- 15. ICD9 Effects
- 16. ICD9 Profile
- 17. Prognosis
- 18. Permanent Condition
- Occupation Incapacity 19.
- 20. Activity Incapacity
- 21. - Progress
- Psyche 22.
- 23. Temp. Codes

FIG. 2A

#### External Classes

- 17. Action Plan
- 18. Actual Return to Work Occupation
- 19. Actual Return to Work Task
- 20. Activity Capacity
- 21. Additional Jobs
- 22. Case Activity
- 23. Case Details
- 24. Case Task
- 25. CLA Criteria
- 26. CLA Plan
- 27. Claimant Occupation
- 28. Client
- 29. Client Address
- 30. Client Address Relation
- 31. DOT Codes
- 32. DOT Return To Work Plan
- 33. Future Economic
- 34. Future Treatment/Complication
- 35. Insured Template
- 36. Job
- 37. Job Activities
- 38. Job Tasks
- 39. Medical Codes
- 40. Medical Details
- 41. Medical Code Body Parts
- 42. Medical Code Profiles
- 43. Medical Symptoms
- 44. Permanent condition
- 45. Preamble

- 46. Prognosis Details
  47. Recovery Progress
  48. Return To Work Plan Criteria
- 49. Salary



### FIGURE 3

# COMPOSITE BODY PARTS

l ankle foot thoracic lumbar 1 leg sacral area lumbosacral thoracolumbar r hand spine l hand r wrist hand r foot r fore foot l wrist hand r ankle foot r arm l arm r leg l foot r eye 1 fore foot l eye

face trunk lower trunk upper trunk station gait use uppers communication infirmity head brain cardiovascular

cervical spine digestive hematopoietic reproductive respiratory smell speech taste

whole body dysfunction whole body trauma

# **HEARING**

hearing

**SIGHT** sight

## SOFT TISSUE SPINE

cervical thoracic lumbosacral sacral





ICD9 Code: Instance: 805.4.4

L4 Vertebra

Class: Body Part
Intermediate Code: tfrac (a bony injury)

Profile:

Dysfunction Level (%)
100
100
50
20
10
0

FIG. 4

<u>Day</u>	Dysfunction Level (%)
0	100
16.80	100
33.60	50
50.40	20
67.20	10
84	0

FIG. 5



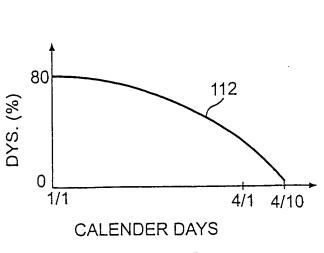


<u>Day</u>	Dysfunction Level (%)
0	100
23.52	100
47.04	50
70.56	20
94.08	10
117.60	0

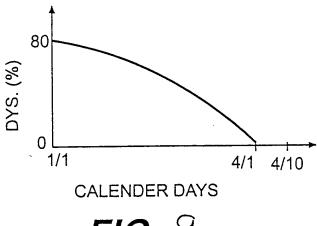
FIG. 6

Day (original)	Day (Age/Sex)	Day (Age)	Dysfunction Level (%)
0	0	0	100
35	42	58.80	100
42	50.40	70.56	80
49	58.80	82.32	70
56	67.20	94.08	65
63	75.60	105.84	60
70	84.00	117.60	55
77	92.40	129.36	50
84	100.80	141.12	45
91	109.20	152.88	40
98	117.60	164.64	35
105	126.00	176.40	30
112	134.40	188.16	25
126	176.40	246.96	20
140	168.00	235.20	15

FIG. 7



**FIG.** 8



**FIG.** 9

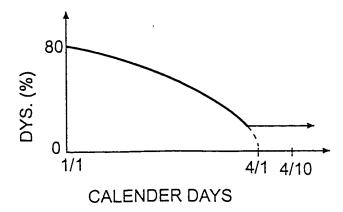


FIG. 10

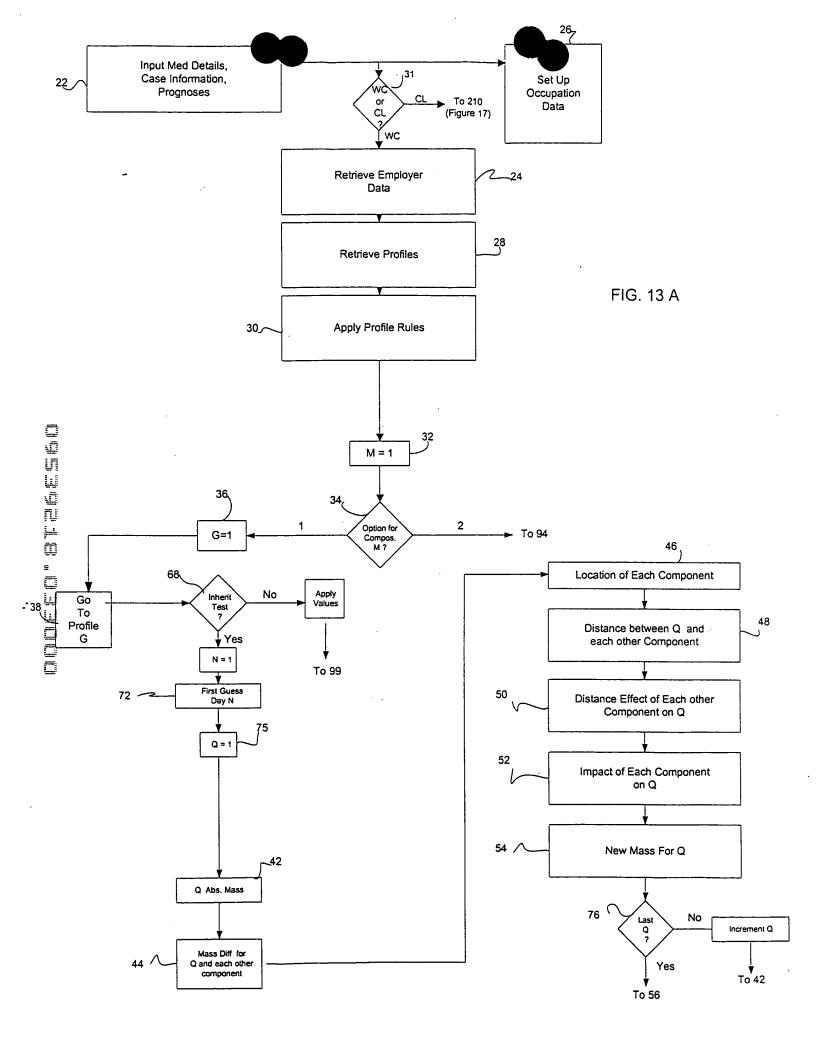


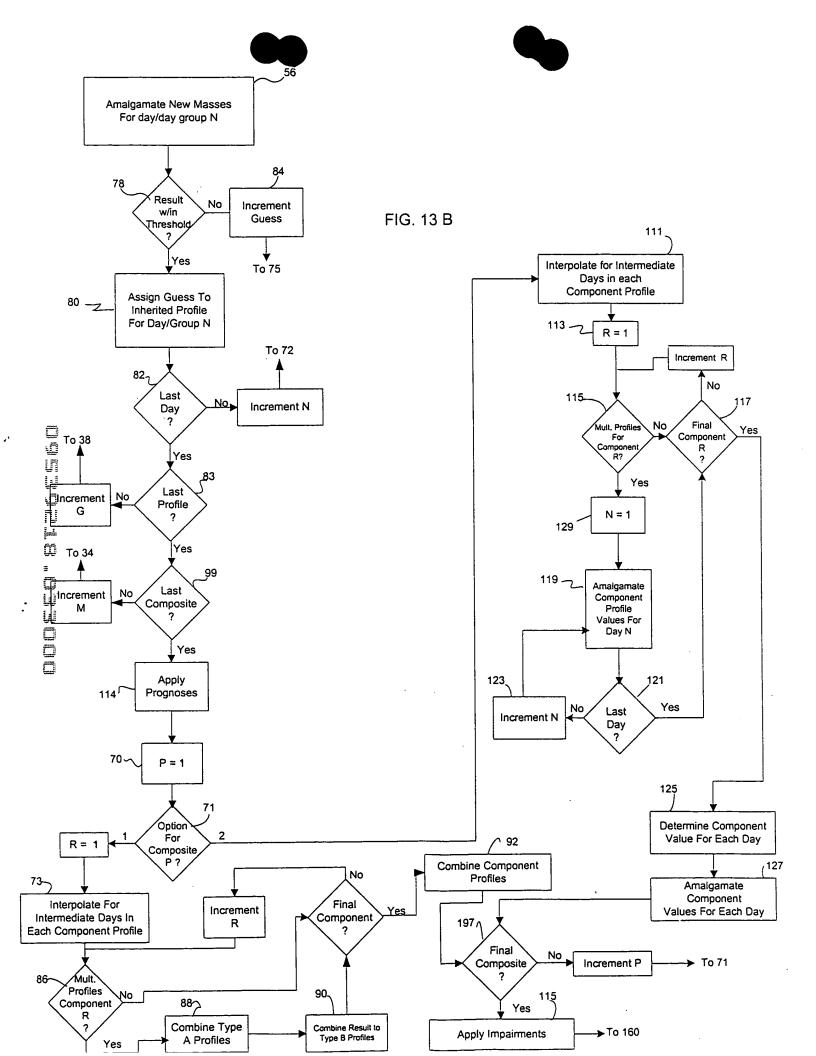


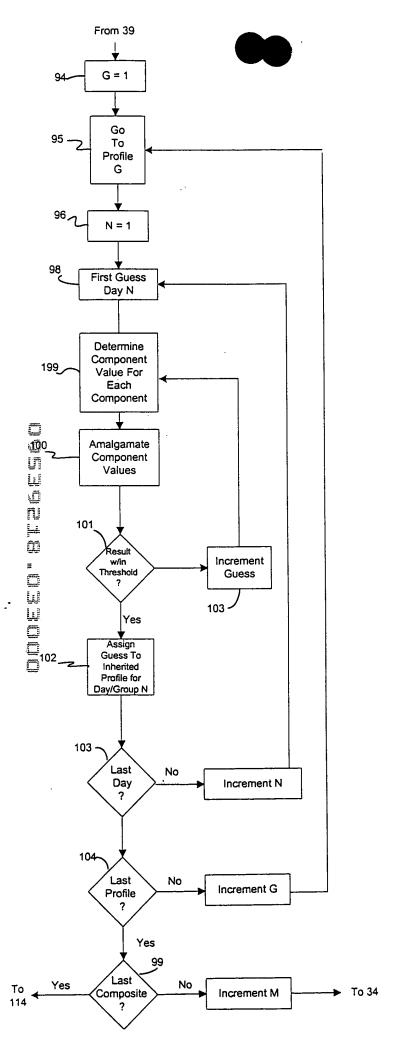
	PUSH/PULL ACTIVITIES			
PROGNOSIS	UP TO 50 POUNDS MODERATE PUSHING	UP TO 100 POUNDS HEAVY PUSHING	OVER 100 POUNDS VERY HEAVY PUSHING	
1. CAN DO NOW	1, 2, 2	1, 1, 2	1, 1, 1	
2. CAN DO INFREQUENTLY	2, 3, 3	1, 2, 3	1, 1, 2	
3. AVOID AT PRESENT	3, 3, 3	2, 3, 3	1, 2, 3	
4. CAN ONLY EVER DO INFREQUENTLY	4, 5, 5	1, 4, 5	1, 2, 4	
5. AVOID PERMANENTLY	5, 5, 5	2, 5, 5	1, 4, 5	

FIG. 11

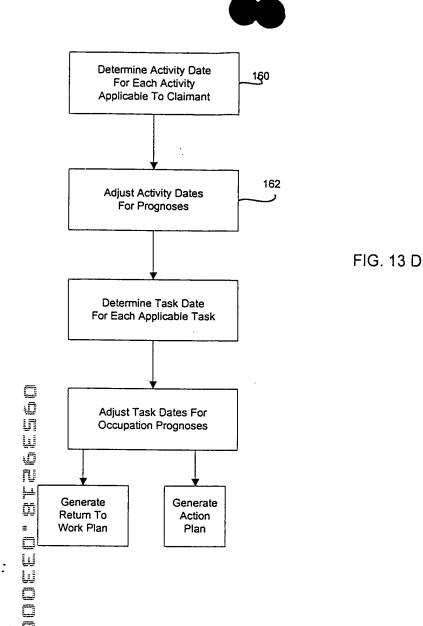
			LIFTING ACTIVITIES		
□ □ □ PROGNOSIS	SMALL/LIGHT SEDENTARY	UP TO 50 LIGHT	UP TO 50 MODERATE	UP TO 100 HEAVY	OVER 100 VERY HEAVY
1. CAN DO NOW	1, 2, 2, 2, 2	1, 1, 2, 2, 2	1, 1, 1, 2, 2	1, 1, 1, 1, 2	1, 1, 1, 1, 1
2. CAN DO INFREQUENTLY	2, 3, 3, 3, 3	1, 2, 3, 3, 3	1, 1, 2, 3, 3	1, 1, 1, 2, 3	1, 1, 1, 1, 2
3. AVOID AT PRESENT	3, 3, 3, 3, 3	1, 1, 3, 3, 3	1, 1, 3, 3, 3	1, 1, 2, 3, 3	1, 1, 1, 2, 3
4. CAN ONLY EVER DO INFREQUENTLY	4, 5, 5, 5, 5	1, 4, 5, 5, 5	1, 1, 4, 5, 5	1, 1, 1, 4, 5	1, 1, 1, 2, 4
5. AVOID PERMANENTLY	5, 5, 5, 5, 5	1, 5, 5, 5, 5	1, 2, 5, 5, 5	1, 1, 2, 5, 5	1, 1, 1, 4, 5











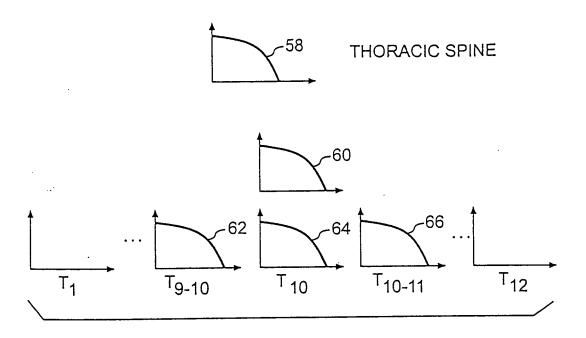
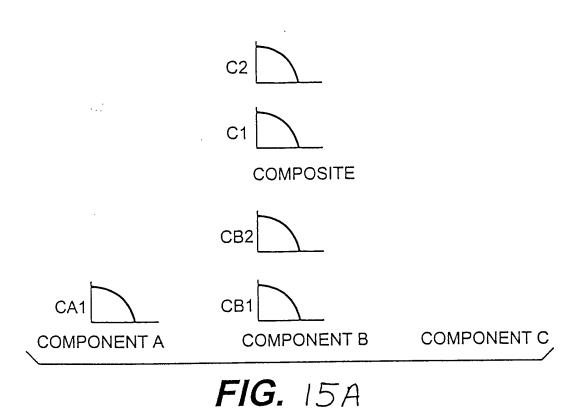


FIG. 14

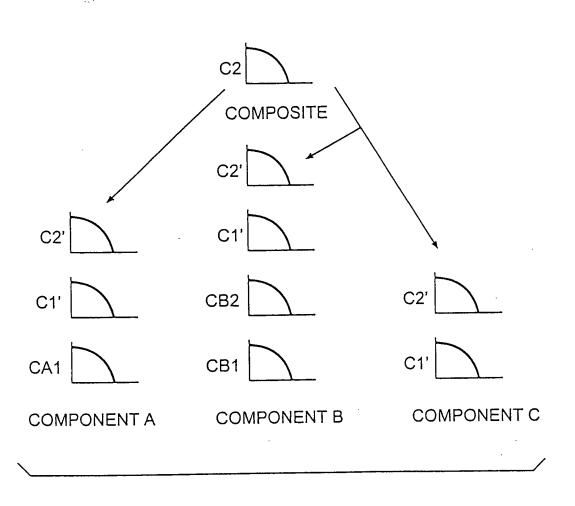


C1 COMPOSITE

C1' C1' C1' C1' COMPOSITE C

COMPOSITE A CB3 COMPOSITE B

FIG. 15B



**FIG.** 15C

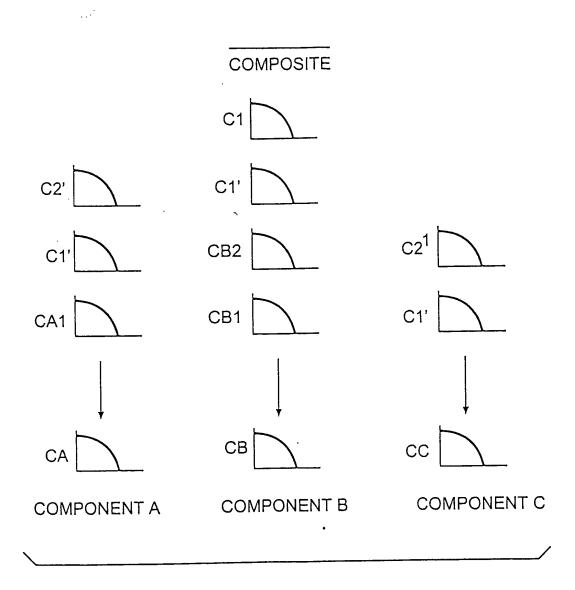
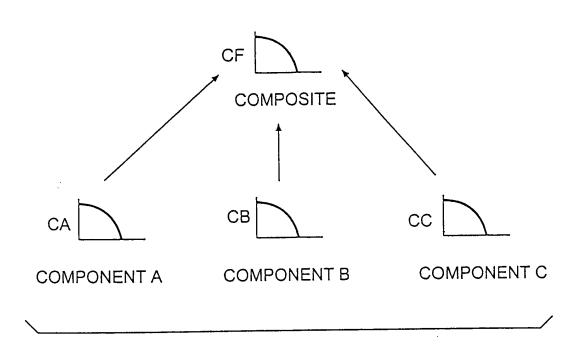
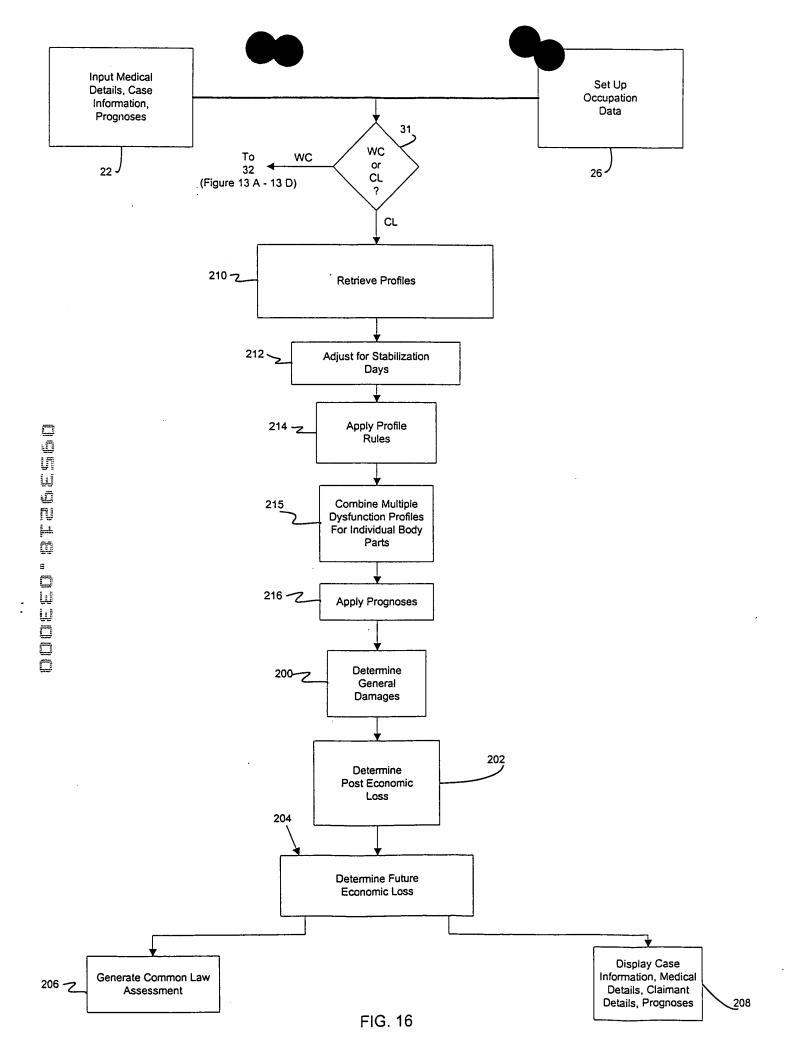
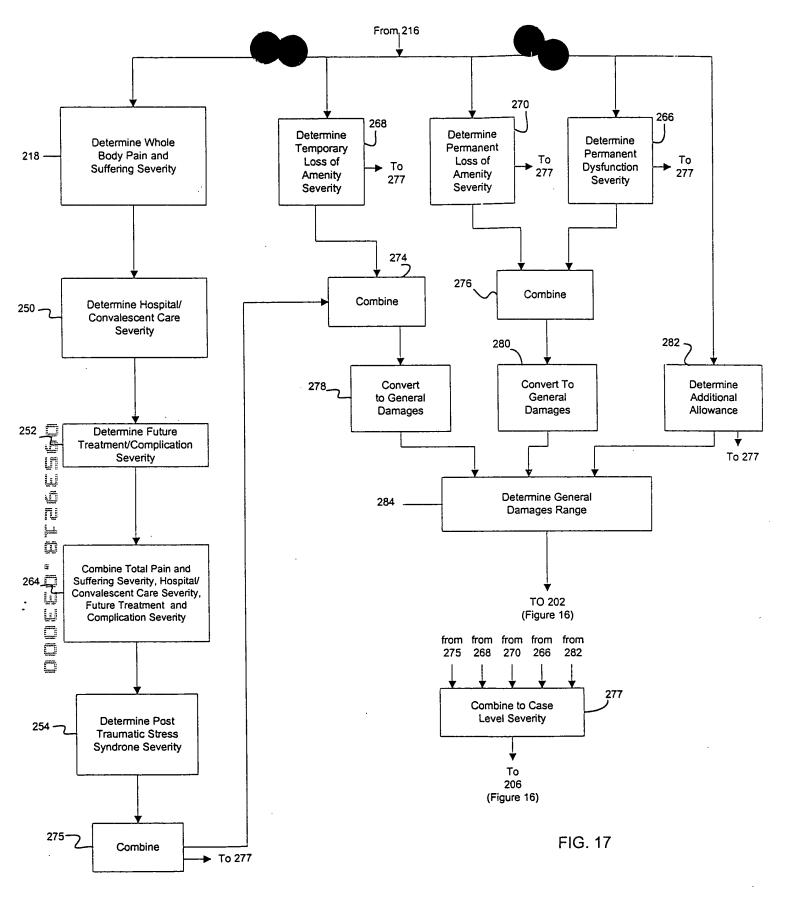


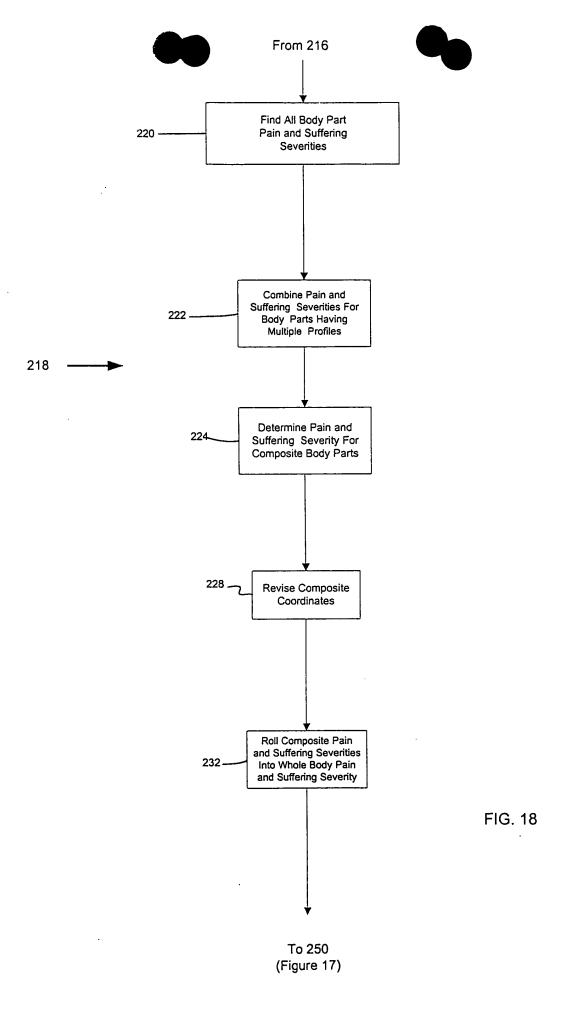
FIG. 15D

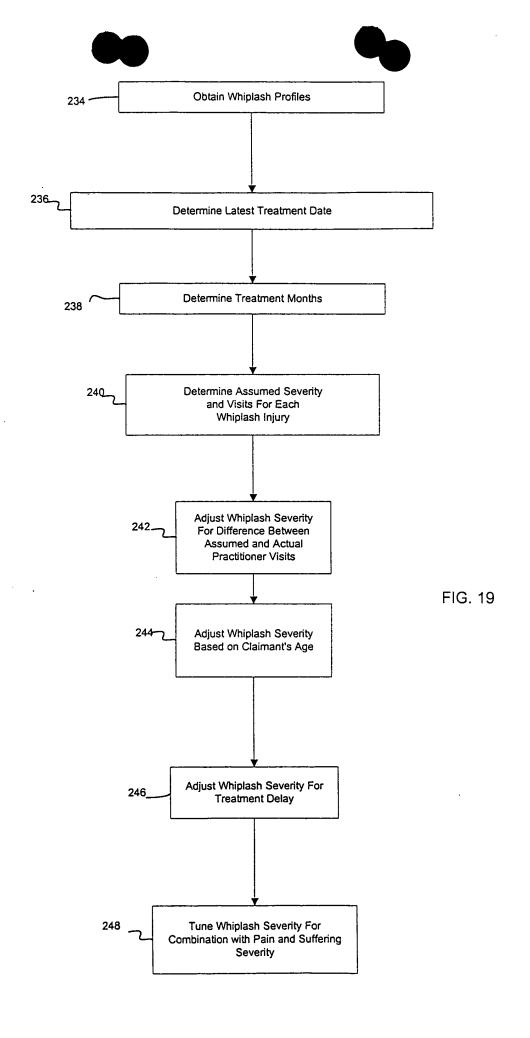


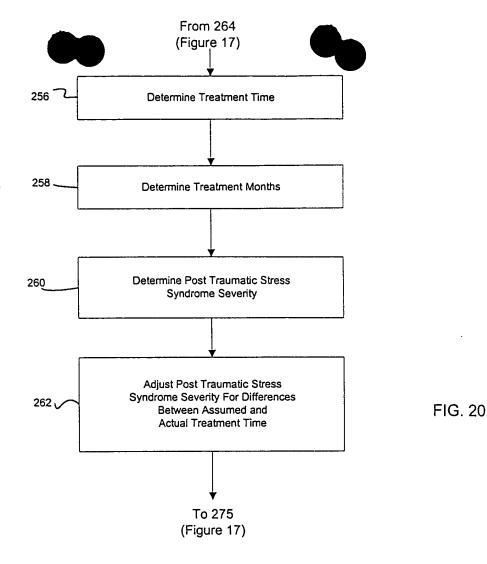
**FIG.** 15E











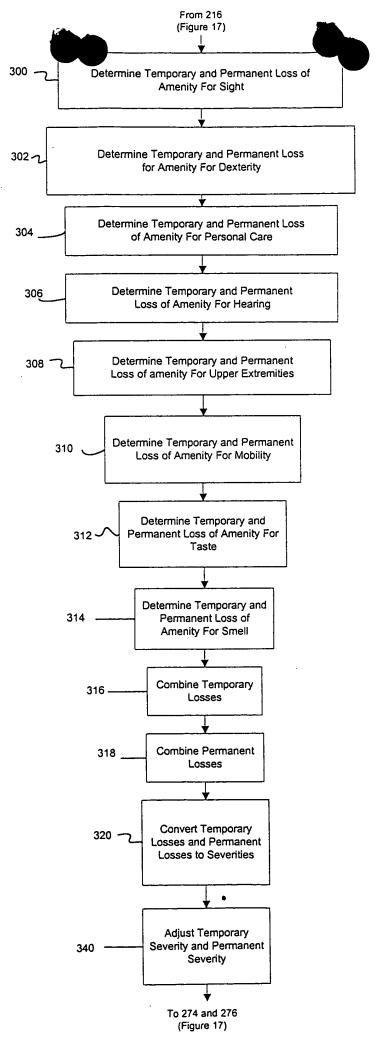


FIG. 21